

FIG. 1

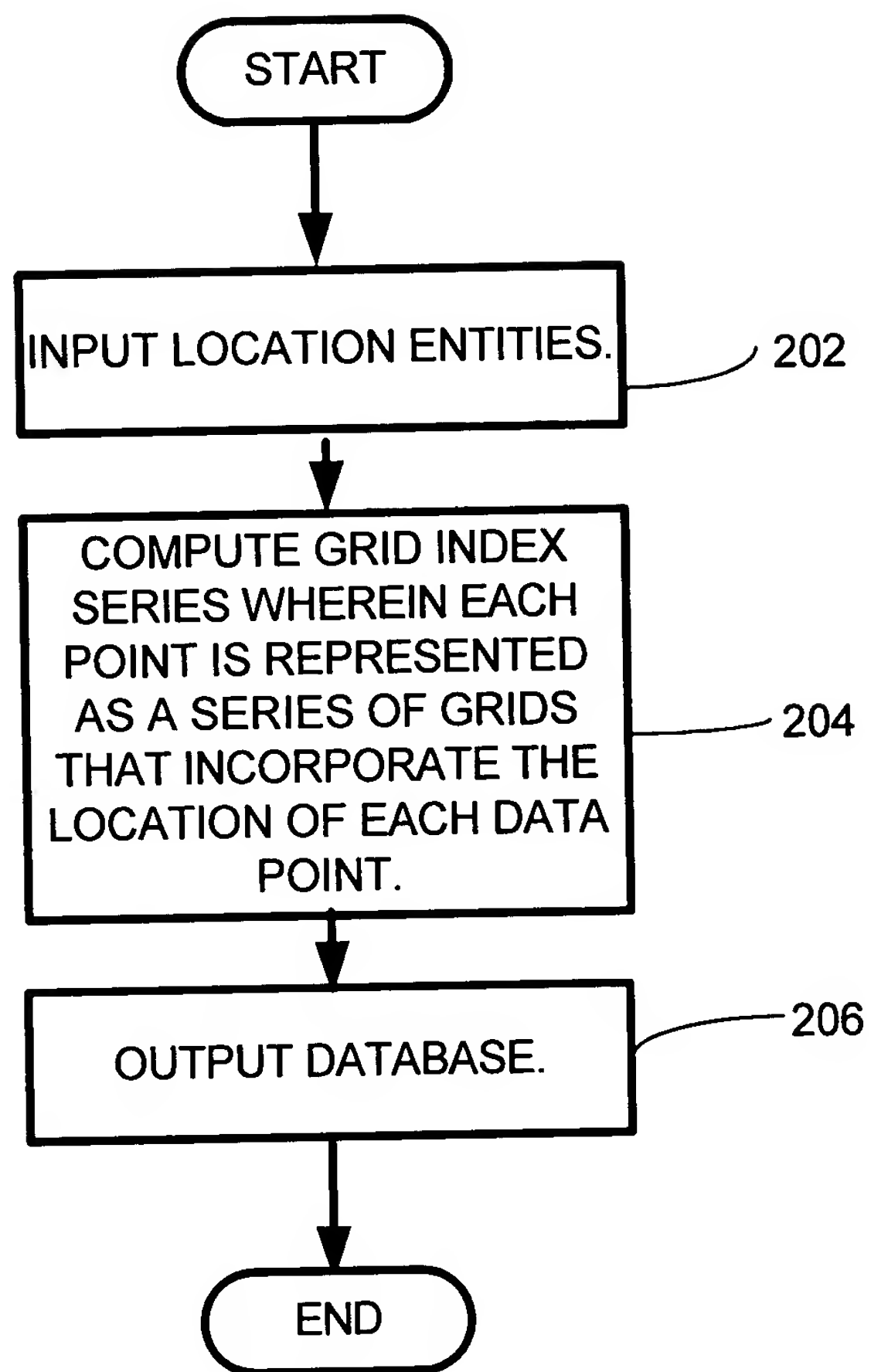


FIG. 2

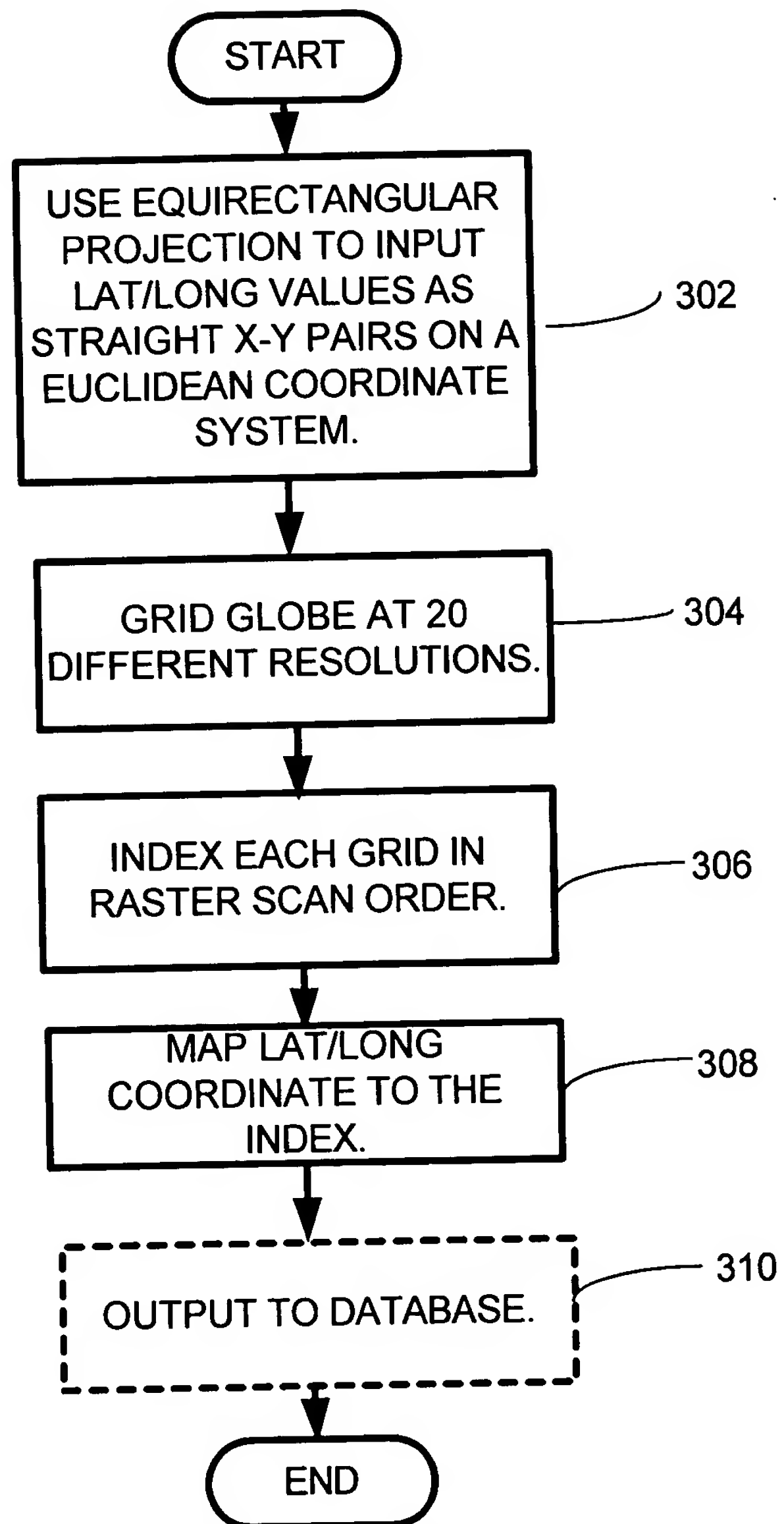


FIG. 3A

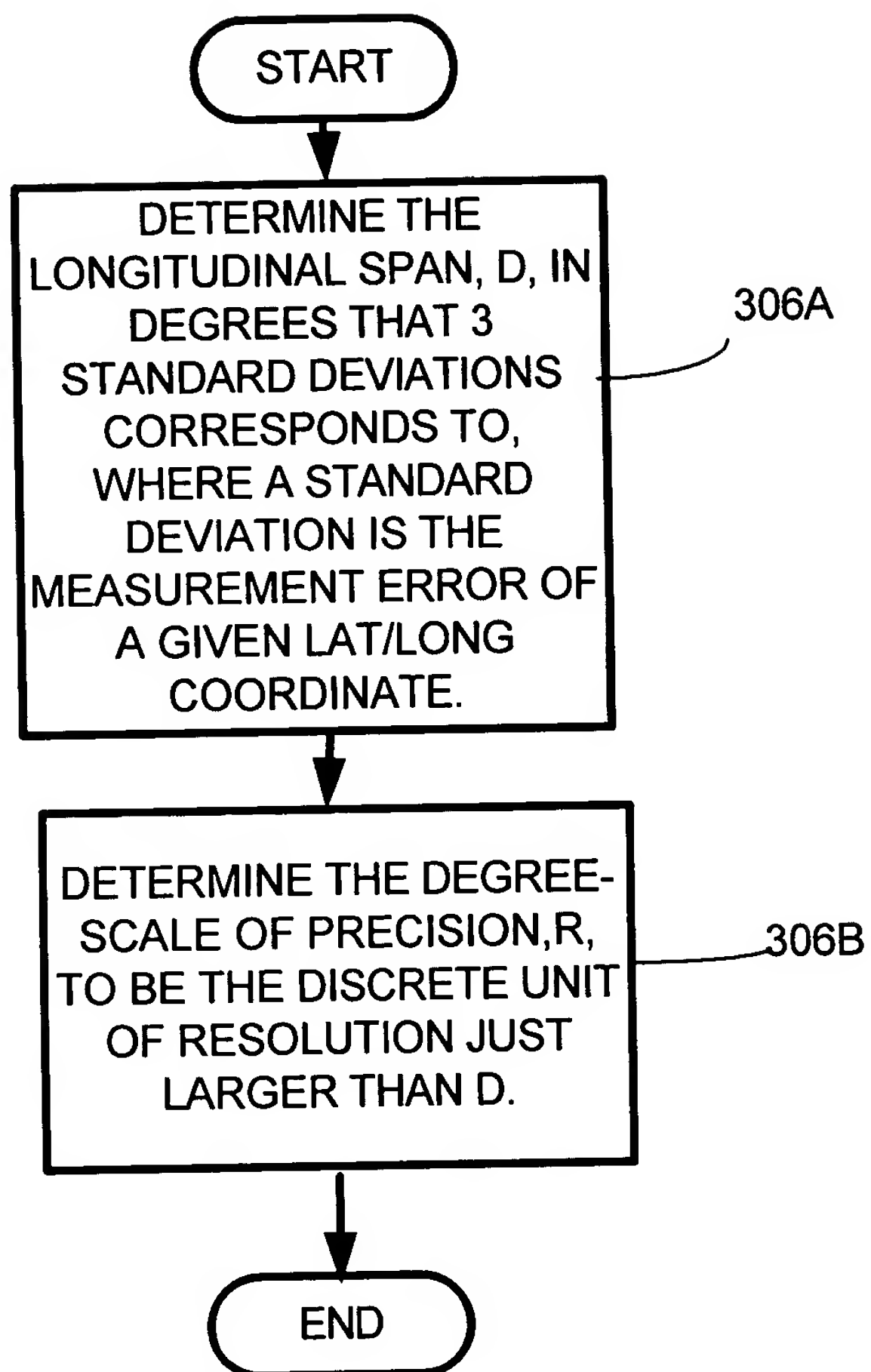
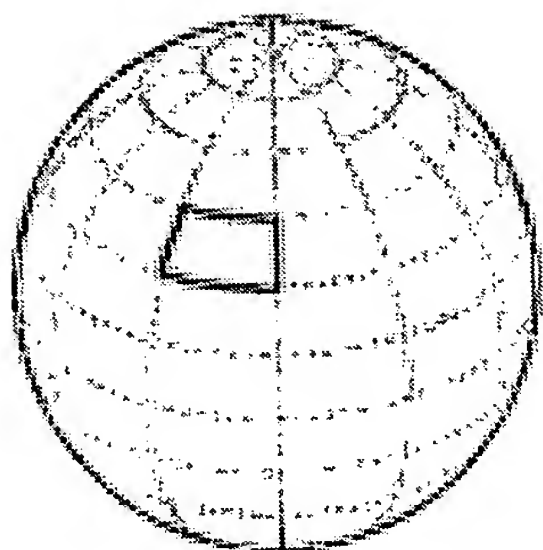
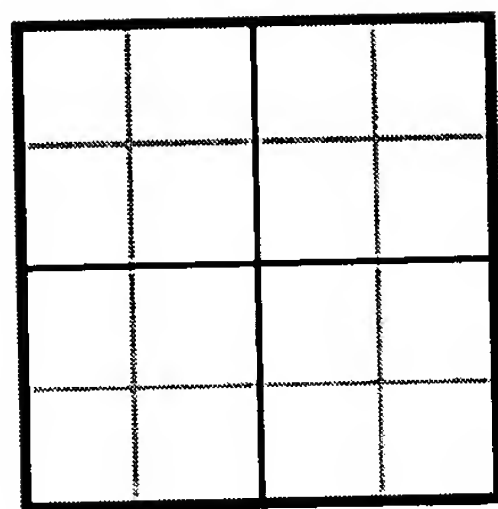


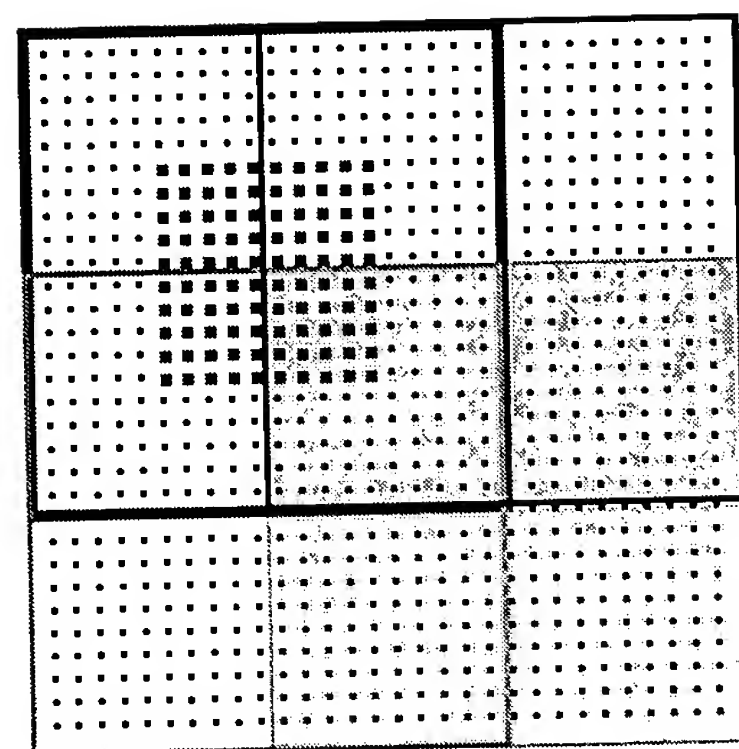
FIG. 3B



(a)



(b)



(c)

FIG. 4

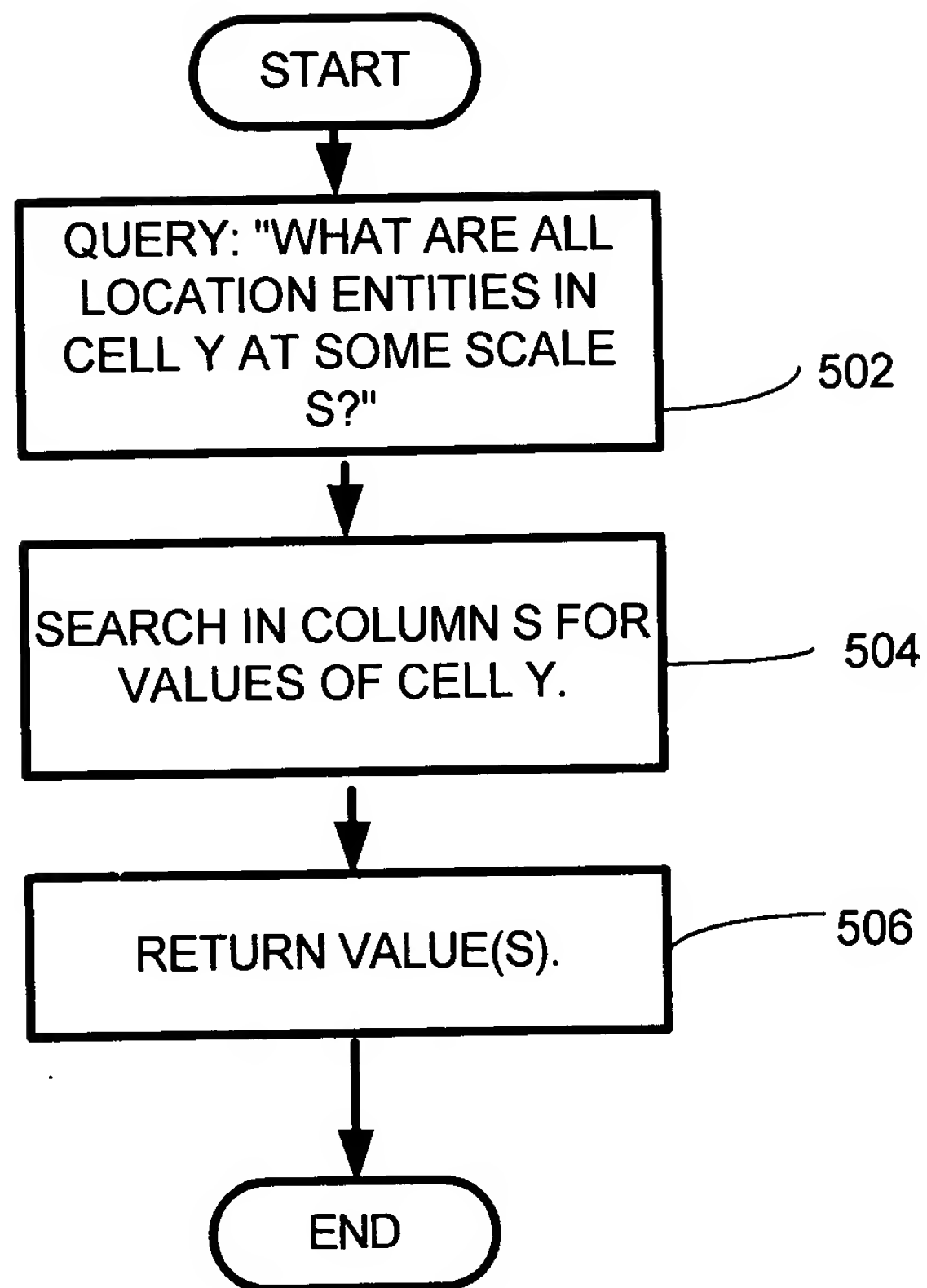


FIG. 5

location entity ID	latitude	longitude	scale	scale index	scale index	scale index	...	scale index	comment
	(optional)	(optional)	(optional)	scale 1	scale 2	scale 3	...	scale N	(not part of database)
1	45.123456	-121.131141	2	1	3	null	<null>	null	item specified to continental scale
2	-45.12346	121.1311141	2	2	7	null	<null>	null	item specified to continental scale
3	45.123456	-121.131141	N		1	3	3 ...	3586937	item specified to finest scale
4	40.987655	-120.24036	N		1	3	3 ...	1285736	item specified to finest scale

FIG. 6